

Plans for the FFAG Monograph

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FFAG06, KEK
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Stage 1

- Put together complete bibliography of FFAG papers
 - ◆ Obtain copies and permission to reprint of anything that is difficult to obtain
 - ◆ For anything that is not available in English, at least an English language summary should be written, containing references to page numbers, figures, and tables in the original text
 - ◆ This will help determine the list of topics
- Create list of all living authors who have done significant work on FFAGs
 - ◆ Pool of authors for sections
 - ◆ Mailing list for people to review document
 - ◆ Should have email and postal mail
- Create list of topics for sections

Some Possible Sections

- Scaling FFAG theory (transverse) and lattice design
- Linear non-scaling theory and lattice design
- Longitudinal dynamics in nearly isochronous linear non-scaling FFAGs
- Harmonic number jump acceleration
- Theory and design of nonlinear, non-scaling FFAGs
- History and design of the FFAGs built at MURA
- History and design of the FFAGs built and planned in Japan
 - ◆ Possibly break up into early prototypes and current applications
- Applications of FFAGs
- Simulation and modeling of FFAGs

Stages 2 and 3

- Stage 2

- ◆ Assign sections to authors
- ◆ Authors return sections

- Stage 3

- ◆ Editors write introductory section, tying together the other sections
- ◆ Combine sections together into a single document
- ◆ Get comments back, do final edits
- ◆ Send document out for publication

Dates

- Stage 1 out for corrections by January 31, final version and assignments by February 28, 2007.
- Authors complete their sections by August 31
- Combined document with introduction ready for review by FFAG07
- Final edits and ready for publication by January 2008
- If you think this is too long, then when you receive your assignment, you will get it back to us faster, and we will get our part done sooner!